



V & Associates, Inc. – Icx Products

Earth Friendly Ice Melters

MATERIAL SAFETY DATA SHEET

SECTION I: MATERIAL IDENTIFICATION

Product Name: **Salt Saver II**

Chemical Name: *Enhanced Solution Containing:* 1,3 Propanediol CAS# 504-63-2
Potassium Acetate CAS# 127-08-2
Sodium Acetate CAS# 127-09-3
Other proprietary, non-hazardous components and corrosion inhibitors

Manufactured For: V & Associates, Inc. – Icx Products (414)379-0601
N8336 Deadwood Point Rd.
Fond du Lac, WI 54937

Date Prepared: October 25, 2011 Updated: October 25, 2011

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components: None

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 100°C Specific Gravity: (20 degrees) 1.19 – 1.22
Vapor Pressure: N/A Melting Point: N/A
Vapor Density: N/A Evaporation Rate: N/A
Solubility in Water: Completely miscible in water pH: 10.4 – 11.4
Appearance and Odor: Dark Green Liquid, Slight Sweet Smell

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flammable Limits: Non-Flammable
LEL: N/A
UEL: N/A
Extinguishing Media: Water, foam, carbon dioxide and dry powder
Flash Point: Greater than 100 degrees C
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: May become combustible after prolonged heating at the boiling point
NFPA Classification: 4=Severe, 3=Serious, 2=Moderate, 1=Slight, 0=Minimal
Health = 0 Flammability = 1 Reactivity = 0

SECTION V: REACTIVITY DATA

Stability: Stable
Incompatibilities: May react with strong acids or strong oxidizing agents such as chlorates, nitrates, peroxides, etc. Avoid contact with reactive metals such as magnesium or zinc.
Hazardous Decomposition: None
Hazardous Polymerization: Will not occur
Conditions to Avoid: Avoid READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL. Store away from strong oxidizing materials.

SECTION VI: HEALTH HAZARD DATA

Signs and Symptoms of Exposure:

Eyes: Slightly irritating to eyes. Could cause prolonged impairment of vision.

Skin: Not expected to cause prolonged or significant skin irritation.

Inhalation: Liquid product, normally not applicable

Dermal Toxicity: Has not been determined. However, it should be practically non-toxic to internal organs if it gets on the skin.

Respiratory/Inhalation: Does not present an inhalation hazard. INGESTION: If swallowed, this substance is considered practically non-toxic to internal organs. Ingestion may cause irritation of the digestive tract which may result in nausea, vomiting, and diarrhea. This product contains potassium salts. Ingestion of large amounts (25 or more grams) usually causes a person to vomit.

Emergency and First Aid Procedures:

EYE CONTACT: Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. No additional first aid should be necessary. If irritation persists, see a doctor.

SKIN CONTACT: No first aid procedures are required. Wash skin thoroughly with soap and water. Remove and wash contaminated clothing.

INHALATION: Since this material is not expected to be an immediate inhalation problem, no first aid procedures are required.

INGESTION: If swallowed, give water or milk and telephone for medical advice. DO NOT make the person vomit unless directed by medical personnel. If medical advice cannot be obtained, take person and product container to the nearest medical emergency treatment center or hospital.

SECTION VII: PRECAUTION FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled, leaked, fire, or accident: Call Chemtrec day or night (800-424-9300) Outside continental USA call (703-527-3887)

Waste Disposal Method: Contain spillage and absorb on suitable material e.g. sawdust, sand or earth. Transfer to a container for disposal. Wash the spillage area with plenty of water. Based on available information, this product is neither listed as a hazardous waste nor does it exhibit any of the characteristics that would cause it to be classified or disposed of as an RCRA hazardous waste.

Precautions to be taken in handling and storage: KEEP OUT OF THE REACH OF CHILDREN. Store in clean vessels and containers. Do not store or handle product with systems constructed of wetted parts that have galvanized steel, zinc or brass components.

Other Precautions: Avoid contact with skin and eyes. Avoid breathing mists when spraying.

SECTION VIII: CONTROL MEASURES

Respiratory Protection: Maintain sufficient ventilation to comply with "Occupational Exposure Standard". To enter a closed area where a release has occurred, wear on NIOSH/MSHA approved supplied air devices. Protective Gloves: If prolonged contact is likely, chemical gloves and protective coveralls are recommended. Eye Protection: Wear eye protection if splashing is possible—chemical splash goggles and/or face shield.

Other: None

The information contained in this Material Safety Data Sheet (MSDS) is, to the best of our knowledge, accurate and reliable. No warranty of any kind is either expressed or implied.

This information should be provided to all individuals handling this product. Federal, state, and local regulations should be followed when handling this product.